Name of Work: Improvements to CC Roads And RCC Drains at Kuvempu Nagara 2nd Main Road and 4th B cross, and Surrounding area in Ward No.05

Pre Measurements

e measurement recorded on:

tem No	Description of Item	No	L	B	D	Qty	Unit
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification						
	For RCC Drain						
a	**Kuvempu Nagara, Kattigenahalli, 2nd Main Road**						
	RHS						
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	18.50	1.10	1.00	20.35	
		1	12.80	1.50	1.10	21.12	
		1	26.00	1.50	1.10	42.90	
		1	26.00	1.50	1.10	42.90	
		1	24.00	1.50	1.10	39.60	
		1	21.00	1.50	1.10	34.65	
	LHS						
		1	22.50	1.10	1.00	24.75	
		1	24.00	1.10	1.00	26.40	
		1	27.50	1.10	1.00	30.25	
		1	25.50	1.10	1.00	28.05	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	24.00	1.10	1.00	26.40	
		1	30.00	1.10	1.00	33.00	

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Item No	Description of Item	No	L	B	D	Qty	Unit
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	1.00	1.10	1.00	1.10	
b	**4th B Cross Kuvempunagar**						
	RHS						
		1	30.00	1.10	1.00	33.00	
		1	30.00	1.10	1.00	33.00	
		1	28.00	1.10	1.00	30.80	
	LHS						
		1	30.00	1.10	1.00	33.00	
		1	9.00	1.10	1.00	9.90	
					Present Qty=	**1204.17**	
					Limited Qty=	**1172.60**	**Cum**

Assistant Engineer
Ward No.05

Assistant Executive Engineer
Bytarayanapura Sub-Division

2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of						
	For RCC Drain						
a	**Kuvempu Nagara, Kattigenahalli, 2nd Main Road**						
	RHS						
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	18.50	1.10	0.15	3.05	
		1	12.80	1.50	0.15	2.88	

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m	Description of Item	No	L	B	D	Qty	Unit
		1	26.00	1.50	0.15	5.85	
		1	26.00	1.50	0.15	5.85	
		1	24.00	1.50	0.15	5.40	
		1	21.00	1.50	0.15	4.73	
	LHS						
		1	22.50	1.10	0.15	3.71	
		1	24.00	1.10	0.15	3.96	
		1	27.50	1.10	0.15	4.54	
		1	25.50	1.10	0.15	4.21	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	24.00	1.10	0.15	3.96	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	1.00	1.10	0.15	0.17	
b	**4th B Cross Kuvempunagar**						
	RHS						
		1	30.00	1.10	0.15	4.95	
		1	30.00	1.10	0.15	4.95	
		1	28.00	1.10	0.10	3.08	
	LHS						
		1	30.00	1.10	0.15	4.95	
		1	9.00	1.10	0.15	1.49	
					Present Qty=	**176.62**	
					Limited Qty=	**175.89**	**Cum**

30/4/20

Assistant Engineer
Ward No.05

13/5/2020

Assistant Executive Engineer
Bytarayanapura Sub-Division

4	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications

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	Description of Item	No	L	B	D	Qty	Unit
a	**Kuvempu Nagara, Kattigenahalli, 2nd Main Road**						
	RHS						
	Total length of drain = 330.00 Mtr						
1	Main Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	2642	2.30		0.62	3767.49
	Distrubution Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	20	330.00		0.62	4092.00
2	**Total length of drain = 18.50 Mtr**						
	Main Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	150	2.30		0.62	213.90
	Distrubution Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	20	18.50		0.62	229.40
3	**Total length of drain = 12.80 Mtr**						
	Main Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	104	2.50		0.62	161.20
	Distrubution Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	22	12.80		0.62	174.59
4	**Total length of drain = 52.00Mtr**						
	Main Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	418	2.50		0.62	647.90
	Distrubution Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	22	52.00		0.62	709.28
5	**Total length of drain = 24.00Mtr**						
	Main Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	194	2.50		0.62	300.70
	Distrubution Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	22	24.00		0.62	327.36
6	**Total length of drain = 21.00Mtr**						
	Main Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	170	2.50		0.62	263.50

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Description of Item	No	L	B	D	Qty	Unit
Distrubution Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	22	21.00		0.62	286.44
LHS						
Total length of drain = 22.50 Mtr						
Main Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	182	2.30		0.62	259.53
Distrubution Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	20	22.50		0.62	279.00
Total length of drain = 24.00 Mtr						
Main Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	194	2.30		0.62	276.64
Distrubution Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	20	24.00		0.62	297.60
Total length of drain = 27.50 Mtr						
Main Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	222	2.30		0.62	316.57
Distrubution Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	20	27.50		0.62	341.00
Total length of drain = 25.50 Mtr						
Main Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	206	2.30		0.62	293.76
Distrubution Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	20	25.50		0.62	316.20
Total length of drain = 180.00 Mtr						
Main Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	1442	2.30		0.62	2056.29
Distrubution Bars 10mm dia@.125mm c/c						
0.62kg/mtr	1	20	180.00		0.62	2232.00
Total length of drain = 24.00 Mtr						
Main Bars 10mm dia@.125mm c/c						

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em No	Description of Item	No	L	B	D	Qty	Unit
	0.62kg/mtr	1	194	2.30		0.62	276.64
	Distrubution Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	20	24.00		0.62	297.60
	Total length of drain = 151.00 Mtr						
	Main Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	1211	2.30		0.62	1726.89
	Distrubution Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	20	151.00		0.62	1872.40
b	**4th B Cross Kuvempunagar**						
	RHS						
	Total length of drain = 60.00 Mtr						
	Main Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	482	2.30		0.62	687.33
	Distrubution Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	20	60.00		0.62	744.00
	Total length of drain = 28.00 Mtr						
	Main Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	226	2.30		0.62	322.28
	Distrubution Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	20	28.00		0.62	347.20
	LHS						
	Total length of drain = 39.00 Mtr						
	Main Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	314	2.30		0.62	447.76
	Distrubution Bars 10mm dia@.125mm c/c						
	0.62kg/mtr	1	20	39.00		0.62	483.60
							25048.06
						Present Qty=	**25.05**
						Limited to Qty	**24.93**

Assistant Engineer
Ward No.05

Assistant Executive Engineer
Bytarayanapura Sub-Division

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